

REMARKS / ARGUMENTS

Claims 16-26 remain pending in this application.

Claim Amendments

The claims have been amended to cure minor informalities. Claim 27 has been canceled without prejudice or disclaimer since the substance of that claim has already been incorporated into claim 26.

Double Patenting Rejection

Claims 16, 18, 21, 23, 26 and 27 are pending, and stand rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1 and 3 of U.S. Patent No. 5,457,473; claims 19, 20, 24 and 25 are pending, and stand rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claim 1 of U.S. Patent No. 5,457,473 in view of Akatsuka et al (U.S. Patent No. 5,047,754); claims 16, 18, 21, 23, 26 and 27 are pending, and stand rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claim 1 of U.S. Patent No. 6,057,821; claims 19, 20, 24 and 25 are pending, and stand rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claim 1 of U.S. Patent No. 6,057,821 in view of Akatsuka et al; claims 16, 18, 21, 23, 26 and 27 are pending, and stand rejected on the ground of nonstatutory obviousness-type double

patenting as being unpatentable over claim 1 of U.S. Patent No. 6,304,236; claims 19, 20, 24 and 25 are pending, and stand rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claim 1 of U.S. Patent No. 6,304,236 in view of Akatsuka et al.

Without admitting to the propriety of the rejection, a terminal disclaimer is being submitted to avoid the rejection.

35 U.S.C. §103

Claims 16, 17, 19-22 and 24-27 stand rejected under 35 U.S.C. §103(a) as being unpatentable over McDaniel et al (U.S. Patent No. 4,415,985) in view of Akatsuka et al (U.S. Patent No. 5,047,754). These rejections are traversed as follows.

The present invention, as recited in independent claim 16, for example, is directed to a display apparatus connectable to an external computer for displaying an image on a screen on the basis of video and synchronization signals from the external computer. The display apparatus includes a memory which is within the display apparatus, a receiver which receives a control signal to control the displayed image, which is generated by operating an input unit of the external computer, wherein the display apparatus is configured to be separate from the external computer. The display apparatus also includes a control circuit which controls the image on the screen using control data included in the control signal received through the receiver and writes the control data into the memory. When the display

apparatus is turned on, the control circuit reads out the control data from the memory and controls the displayed image on the screen by using the control data read out from the memory.

The remaining independent claims contain similar recitations to independent claim 16. However, claim 21 is written with some means-plus-function limitations, and claim 26 specifically recites that the control circuit controls a display size, a display portion or a brightness of the displayed image.

As previously explained to the Examiner, McDaniel et al do not disclose a display apparatus having a memory and being separate from an external computer as claimed. This has been acknowledged by the Examiner in the Office Action (see item 9, on pages 10-11 of Office Action of Nov. 16, 2007). It is also pointed out to the Examiner that McDaniel et al also do not disclose a memory that stores control data that is used to control a displayed image as claimed.

The deficiencies in McDaniel et al are not overcome by resort to Akatsuka et al. Akatsuka et al is cited for allegedly disclosing, in Fig. 12, a memory that is within a display apparatus which is separate from an external computer. While the specification of Akatsuka et al refers to the entirety of Fig. 12 as the "display apparatus", this "display apparatus" includes CPU 27 and display unit 21 (see Fig. 12). The Examiner's attention is further directed to the "display apparatus" shown in Fig. 3 having first and second display units 11 and 12 as well as a signal processing unit 16 coupled to display units 11 and 12 (see column 4, lines 4-12). Accordingly,

the "display apparatus" as this term is used by Akatsuka et al. is not separate from an external computer.

If, as the Examiner contends, the display unit 21 is equivalent to applicant's "display apparatus", Fig. 12 of Akatsuka et al clearly shows that display unit 21 is separate from character memory 30. Moreover, the specification of Akatsuka et al. confirms that "the character displaying memory 30 is coupled to the first display unit 21" (see column 6, lines 66-67). Therefore, Akatsuka et al do not disclose a display apparatus that is separate from an external computer and including any memory, let alone the memory as claimed. The claimed memory is one which stores control data that is used to control a displayed image. Akatsuka et al instead disclose a character display memory 30 to which attribute data of a selected file is written under control of CPU 27 and may include a "patient name, date of imaging, part of body, doctor name, diagnosis, etc." (see column 7, lines 12-28). A corresponding picture image list is read out to picture image memory 33 under control of the CPU 27 so that attribute lists and image data can be displayed on first and second display screens 21A and 22A, respectively (see Fig. 10 and column 7, lines 29-40). As such, Akatsuka et al do not disclose or suggest a display apparatus that is separate from an external computer having a memory which stores control data that is used to control a displayed image.

Therefore, even if McDaniel et al and Akatsuka et al could be combined, such combination would fail to disclose or suggest the presently claimed invention. As such, there is no need to discuss the various other differences between the presently

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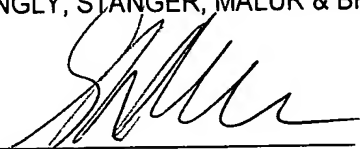
claimed invention and McDaniel et al or Akatsuka et al. It is submitted that all of the pending claims patentably define the present invention over the art of record.

Conclusion

In view of the foregoing, Applicants respectfully requests that a timely Notice of Allowance be issued in this case.

Respectfully submitted,

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.

By 
Shrinath Malur
Reg. No. 34,663
(703) 684-1120